

Regional HIV/AIDS Epidemiologic Profile of Holyoke, Massachusetts: FY 2008

Table 1. Total number of people reported with HIV infection or AIDS¹ by mortality status on December 31, 2007 Holyoke, Massachusetts

	N	%
People Living with HIV/AIDS	343	61%
People Reported with HIV or AIDS who are Deceased	215	39%
Total Number of People Reported with HIV Infection or AIDS	558	100%

¹ Does not include individuals diagnosed with HIV infection (non-AIDS) who died prior to January 1, 1999 or who were not in care on January 1, 1999.

Data Source: MDPH HIV/AIDS Surveillance Program, Data as of 1/1/08

Table 2. Average annual rate of HIV infection diagnosis from 2004 to 2006 and rate of people living with HIV/AIDS on 12/31/07¹: Holyoke, Massachusetts

Average annual HIV diagnosis rate from 2004–2006	Average Rate per 100,000	Average Number of HIV Diagnoses
Holyoke, MA	48 per 100,000	19
Massachusetts Total	13 per 100,000	857
Rate of people living with HIV/AIDS on 12/31/07	Rate per 100,000	Number of People Living with HIV/AIDS
Holyoke, MA	861 per 100,000	343
Massachusetts Total	267 per 100,000	16,977

¹ Population sizes for rate calculations are based on year 2000 population estimates from the MDPH Center for Health Information, Statistics, Research and Evaluation

Data Source: MDPH HIV/AIDS Surveillance Program, Data as of 1/1/08

Table 3. People living with HIV/AIDS¹, deaths among people reported with HIV/AIDS, and newly diagnosed HIV infections by year²: 1999–2006, Holyoke, Massachusetts

Year	HIV/AIDS Prevalence	Deaths among those with HIV/AIDS	Diagnosis of HIV Infection
1999	261	12	38
2000	275	13	27
2001	304	3	32
2002	304	12	12
2003	309	7	12
2004	323	8	22
2005	330	12	19
2006	340	6	16

¹ Number of People living with HIV/AIDS on 12/31 of each year

² Reflects year of diagnosis for HIV infection among all individuals reported with HIV infection, with or without an AIDS diagnosis
Data source: MDPH HIV/AIDS Surveillance Program, Data as of 1/1/08

Table 4. People diagnosed with HIV infection from 2004–2006¹ and people living with HIV/AIDS on December 31, 2007 by gender, place of birth, race/ethnicity, exposure mode, age at HIV infection diagnosis and current age: Holyoke, Massachusetts

HIV Infection Diagnoses			PLWH/A	
Gender:	N	%	N	%
Male	37	65%	189	55%
Female	20	35%	154	45%
Place of Birth:	N	%	N	%
US	-- ⁶	-- ⁶	172	50%
Puerto Rico/US Dependency ²	30	53%	164	48%
Non-US	-- ⁶	-- ⁶	7	2%
Race/Ethnicity:	N	%	N	%
White (non-Hispanic)	10	18%	61	18%
Black (non-Hispanic)	-- ⁶	-- ⁶	-- ⁶	-- ⁶
Hispanic	43	75%	262	76%
Other/Undetermined ³	-- ⁶	-- ⁶	-- ⁶	-- ⁶
Exposure Mode:	N	%	N	%
Male-to-male sex (MSM)	12	21%	42	12%
Injection Drug Use (IDU)	21	37%	143	42%
MSM/IDU	-- ⁶	-- ⁶	9	3%
Heterosexual Sex	11	19%	89	26%
Other	-- ⁶	-- ⁶	15	4%
Total Undetermined	11	19%	45	13%
• Presumed Heterosexual Sex ⁴	-- ⁶	-- ⁶	34	10%
• Undetermined ⁵	-- ⁶	-- ⁶	11	3%
Age:	N	%	N	%
	At Diagnosis		On December 31, 2007	
Under 13	-- ⁶	-- ⁶	-- ⁶	-- ⁶
13 to 19	0	0%	9	3%
20 to 24	0	0%	-- ⁶	-- ⁶
25 to 29	-- ⁶	-- ⁶	15	4%
30 to 34	8	14%	24	7%
35 to 39	11	19%	52	15%
40 to 44	13	23%	77	22%
45 to 49	12	21%	77	22%
50 to 54	-- ⁶	-- ⁶	43	13%
55 to 59	-- ⁶	-- ⁶	19	6%
60+	-- ⁶	-- ⁶	20	6%
Total	57	100%	343	100%

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS

² Ninety-five percent of all people diagnosed with HIV infection in MA who were born in a US dependency were born in Puerto Rico, 1% were born in the US Virgin Islands, <1% were born in American Samoa, and 4% were born in an unknown dependency

³ Other/Undetermined includes Asian/Pacific Islander, American Indian/Alaska Native and people of unspecified race/ethnicity

⁴ Heterosexual sex with partners with unknown risk and HIV status

⁵ Includes those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up

⁶ Numbers less than 5 for localities with populations of less than 50,000 are suppressed for the assurance of confidentiality

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

Table 5. People living with HIV/AIDS on December 31, 2007 by gender and race/ethnicity: Holyoke, Massachusetts

Race/Ethnicity:	Male		Female	
	N	%	N	%
White Non-Hispanic	41	22%	20	13%
Black Non-Hispanic	-- ²	-- ²	-- ²	-- ²
Hispanic	138	73%	124	81%
Other/Undetermined ¹	-- ²	-- ²	-- ²	-- ²
Total	189	100%	154	100%

¹ Other/Undetermined includes Asian/Pacific Islander, American Indian/Alaska Native and people of unspecified race/ethnicity

² Numbers less than 5 for localities with populations of less than 50,000 are suppressed for the assurance of confidentiality

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

Table 6. People living with HIV/AIDS on December 31, 2007 by gender and exposure mode: Holyoke, Massachusetts

Exposure Mode:	Male		Female	
	N	%	N	%
Male-to-male sex (MSM)	42	22%	N/A	N/A
Injection drug use (IDU)	89	47%	54	35%
MSM/IDU	9	5%	N/A	N/A
Heterosexual sex	22	12%	67	44%
Other	7	4%	8	5%
Total Undetermined	20	11%	25	16%
• Presumed heterosexual sex ¹	13	7%	-- ³	-- ³
• Undetermined ²	7	4%	-- ³	-- ³
Total	189	100%	154	100%

¹ Heterosexual sex with partners with unknown risk and HIV status

² Includes those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up; N/A=Not Applicable

³ Numbers less than 5 for localities with populations of less than 50,000 are suppressed for the assurance of confidentiality

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

Table 7. People diagnosed with HIV infection by gender and year of diagnosis: Holyoke, Massachusetts, before 1999, 1999–2006¹

	Male		Female		Total
	N	%	N	%	
< 1999	228	60%	149	40%	377
1999	19	50%	19	50%	38
2000	16	59%	11	41%	27
2001	18	56%	14	44%	32
2002	7	58%	5	42%	12
2003	-- ³	-- ³	-- ³	-- ³	12
2004	15	68%	7	32%	22
2005	11	58%	8	42%	19
2006 ²	11	69%	5	31%	16

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis

² 2006 data are preliminary

³ Numbers less than 5 for localities with populations of less than 50,000 are suppressed for the assurance of confidentiality

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

Table 8. People diagnosed with HIV infection by race/ethnicity and year of diagnosis: Holyoke, Massachusetts, before 1999, 1999–2006¹

	White NH		Black NH		Hispanic		Other/ Undetermined ²		Total
	N	%	N	%	N	%	N	%	
< 1999	75	20%	21	6%	281	75%	0	0%	377
1999	6	16%	-- ⁴	-- ⁴	30	79%	-- ⁴	-- ⁴	38
2000	-- ⁴	-- ⁴	-- ⁴	-- ⁴	22	81%	-- ⁴	-- ⁴	27
2001	7	22%	-- ⁴	-- ⁴	24	75%	-- ⁴	-- ⁴	32
2002	-- ⁴	-- ⁴	-- ⁴	-- ⁴	8	67%	0	0%	12
2003	-- ⁴	-- ⁴	-- ⁴	-- ⁴	11	92%	0	0%	12
2004	-- ⁴	-- ⁴	-- ⁴	-- ⁴	18	82%	0	0%	22
2005	-- ⁴	-- ⁴	-- ⁴	-- ⁴	16	84%	0	0%	19
2006 ³	6	38%	-- ⁴	-- ⁴	9	56%	-- ⁴	-- ⁴	16

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis

² Other/Undetermined includes Asian/Pacific Islander, American Indian/Alaska Native and people of unspecified race/ethnicity

³ 2006 data are preliminary

⁴ Numbers less than 5 for localities with populations of less than 50,000 are suppressed for the assurance of confidentiality

NH = Non-Hispanic

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

Table 9. People diagnosed with HIV infection by place of birth and year of diagnosis: Holyoke, Massachusetts, before 1999, 1999–2006¹

	US		Puerto Rico/ US Dependency ²		Non-US		Total
	N	%	N	%	N	%	
< 1999	178	47%	193	51%	6	2%	377
1999	20	53%	18	47%	0	0%	38
2000	13	48%	14	52%	0	0%	27
2001	17	53%	-- ⁴	-- ⁴	-- ⁴	-- ⁴	32
2002	-- ⁴	-- ⁴	5	42%	-- ⁴	-- ⁴	12
2003	-- ⁴	-- ⁴	8	67%	-- ⁴	-- ⁴	12
2004	9	41%	13	59%	0	0%	22
2005	-- ⁴	-- ⁴	9	47%	-- ⁴	-- ⁴	19
2006 ³	8	50%	8	50%	0	0%	16

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis

² Ninety-five percent of all people diagnosed with HIV infection in MA who were born in a US dependency were born in Puerto Rico, 1% were born in the US Virgin Islands, <1% were born in American Samoa, and 4% were born in an unknown dependency

³ 2006 data are preliminary

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Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

Table 10. People diagnosed with HIV infection by exposure mode and year of diagnosis: Holyoke, Massachusetts, before 1999, 1999–2006¹

	MSM		IDU		MSM/ IDU		HTSX		Other		Pres. HTSX ²		Undeter- mined ³		Total
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N
<1999	34	9%	210	56%	8	2%	79	21%	20	5%	18	5%	8	2%	377
1999	-- ⁵	-- ⁵	21	55%	-- ⁵	-- ⁵	9	24%	0	0%	-- ⁵	-- ⁵	-- ⁵	-- ⁵	38
2000	-- ⁵	-- ⁵	11	41%	0	0%	7	26%	0	0%	5	19%	-- ⁵	-- ⁵	27
2001	5	16%	15	47%	0	0%	7	22%	0	0%	-- ⁵	-- ⁵	-- ⁵	-- ⁵	32
2002	-- ⁵	-- ⁵	-- ⁵	-- ⁵	0	0%	5	42%	-- ⁵	-- ⁵	0	0%	0	0%	12
2003	-- ⁵	-- ⁵	-- ⁵	-- ⁵	-- ⁵	-- ⁵	-- ⁵	-- ⁵	-- ⁵	-- ⁵	0	0%	-- ⁵	-- ⁵	12
2004	-- ⁵	-- ⁵	10	45%	-- ⁵	-- ⁵	-- ⁵	-- ⁵	-- ⁵	-- ⁵	-- ⁵	-- ⁵	-- ⁵	-- ⁵	22
2005	-- ⁵	-- ⁵	7	37%	0	0%	5	26%	0	0%	-- ⁵	-- ⁵	-- ⁵	-- ⁵	19
2006 ⁴	5	31%	-- ⁵	-- ⁵	0	0%	-- ⁵	-- ⁵	0	0%	-- ⁵	-- ⁵	-- ⁵	-- ⁵	16

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis

² Heterosexual sex with partners with unknown risk and HIV status

³ Includes those still being followed up for risk information, those who have died with no determined risk and those lost to follow-up

⁴ 2006 data are preliminary

⁵ Numbers less than 5 for localities with populations of less than 50,000 are suppressed for the assurance of confidentiality

MSM = Male-to-Male Sex; IDU = Injection Drug Use; MSM/IDU = Male-to-Male Sex and Injection Drug Use; HTSX = Heterosexual Sex; Pres.

HTSX = Presumed Heterosexual Sex

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

Table 11. People diagnosed with HIV infection and AIDS within two months and all people diagnosed with HIV infection by year of diagnosis: Holyoke, Massachusetts, 1999–2006¹

	HIV and AIDS diagnosed within 2 months	All HIV infection diagnoses	% diagnosed with HIV and AIDS within 2 months
Year:	N	N	%
1999	7	38	18%
2000	9	27	33%
2001	5	32	16%
2002	-- ²	-- ²	-- ²
2003	-- ²	-- ²	-- ²
2004	0	22	0%
2005	6	19	32%
2006	-- ²	-- ²	-- ²

¹ Reflects year of HIV diagnosis among all individuals reported with HIV infection, with or without an AIDS

² Numbers less than 5 for localities with populations of less than 50,000 are suppressed for the assurance of confidentiality

Data Source: MDPH HIV/AIDS Surveillance Program, Data as of 1/1/08

Table 12. People diagnosed with HIV infection and AIDS within two months and all people diagnosed with HIV infection by gender, race/ethnicity, and place of birth: Holyoke, Massachusetts, 2004–2006¹

	HIV and AIDS diagnosed within 2 months	All HIV infection diagnoses	% diagnosed with HIV and AIDS within 2 months
Gender:	N	N	%
Male	5	37	14%
Female	-- ⁴	-- ⁴	-- ⁴
Race/Ethnicity:	N	N	%
White (non-Hispanic)	-- ⁴	-- ⁴	-- ⁴
Black (non-Hispanic)	-- ⁴	-- ⁴	-- ⁴
Hispanic	7	43	16%
Other/Undetermined ²	0	0	0%
Place of Birth:	N	N	%
US	-- ⁴	-- ⁴	-- ⁴
Puerto Rico/US Dependencies ³	5	30	17%
Non-US	-- ⁴	-- ⁴	-- ⁴
Total	9	57	16%

¹ Reflects year of HIV diagnosis among all individuals reported with HIV infection, with or without an AIDS

² Other/Undetermined includes Asian/Pacific Islander, American Indian/Alaska Native and people of unspecified race/ethnicity

³ Ninety-five percent of all people diagnosed with HIV infection in MA who were born in a US dependency were born in Puerto Rico, 1% were born in the US Virgin Islands, <1% were born in American Samoa, and 4% were born in an unknown dependency

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Data Source: MDPH HIV/AIDS Surveillance Program, Data as of 1/1/08